

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

PCT

TRANSLATION

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

		Date of mailing (day/month/year)
Applicant's or agent's file reference A5137SS-PCT		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/JP2005/022857	International filing date (day/month/year) 13.12.2005	Priority date (day/month/year) 16.12.2004
International Patent Classification (IPC) or both national classification and IPC		
Applicant NEOMAX CO., LTD.		

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2005/022857

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:
 the international application in the language in which it was filed
 the translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rule 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
 a sequence listing
 table(s) related to the sequence listing
 - b. format of material
 on paper
 in electronic form
 - c. time of filing/furnishing
 contained in the international application as filed
 filed together with the international application in electronic form
 furnished subsequently to this Authority for the purposes of search
3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2005/022857

Box No. V		Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or Industrial applicability; citations and explanations supporting such statement																								
<p>1. Statement</p> <table> <tr> <td align="center">Novelty (N)</td> <td>Claims</td> <td>1-14</td> <td>YES</td> </tr> <tr> <td></td> <td>Claims</td> <td></td> <td>NO</td> </tr> <tr> <td align="center">Inventive step (IS)</td> <td>Claims</td> <td></td> <td>YES</td> </tr> <tr> <td></td> <td>Claims</td> <td>1-14</td> <td>NO</td> </tr> <tr> <td align="center">Industrial applicability (IA)</td> <td>Claims</td> <td>1-14</td> <td>YES</td> </tr> <tr> <td></td> <td>Claims</td> <td></td> <td>NO</td> </tr> </table>			Novelty (N)	Claims	1-14	YES		Claims		NO	Inventive step (IS)	Claims		YES		Claims	1-14	NO	Industrial applicability (IA)	Claims	1-14	YES		Claims		NO
Novelty (N)	Claims	1-14	YES																							
	Claims		NO																							
Inventive step (IS)	Claims		YES																							
	Claims	1-14	NO																							
Industrial applicability (IA)	Claims	1-14	YES																							
	Claims		NO																							
<p>2. Citations and explanations:</p> <p>Document 1: JP 2003-286548 A (Sumitomo Special Metals Co., Ltd.), 10 October 2003, full text, all drawings (Family: none)</p> <p>Document 2: JP 2002-343659 A (Nissan Motor Co., Ltd.), 29 November 2002, Claims 2, 10; Par. Nos. 0051, 0058, 0061, 0092 & US 2003/62097 A1</p> <p>Document 3: JP 2002-100507 A (Nissan Motor Co., Ltd.), 05 April 2002, Claim 3; Par. Nos. 0047-0049, 0059 & US 2002/36559 A1 & EP 1191552 A3</p> <p>Document 4: JP 2001-244105 A (Seiko Epson Corp.), 07 September 2001, 07 September 2001, Claim 1; Par. Nos. 0025, 0030 (Family: none)</p>																										
<p>Claims 1-14</p> <p>Document 1 cited in the ISR describes a rapidly cooled alloy for a nano-composite magnet produced by rapidly cooling an alloy having the same composition as the invention of the present application except for the added quantity of the one or more elements selected from the group consisting of B and C under the same cooling conditions as in the present application, then heat treating under the same heating conditions as in the present application, wherein a soft magnetic phase exists in the boundary region of the crystal grains of the R₂Fe₁₄B type compound phase.</p> <p>As described in documents 2-4 cited in the ISR, making the added quantity of B a specified quantity and making the soft magnetic phase α-Fe by using an alloy of this composition are commonly known techniques in alloys for RTB nano-composite magnets.</p> <p>Applying the techniques described in documents 2-4 to the alloy described in document 1 so as to obtain the constitution of the inventions of claims 1-14 would be easy for a party skilled in the art.</p>																										